

Appendix C

Adapted Species for Forage Suitability Groups

MLRA 34 PRECIPITATION Zone 10 - 14"

Section II-MLRA 34

Pastureland and Hayland Interpretations

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KEY to Adaptation		Clayey (AWC > 6")	Clayey, dry (AWC 3-6")	Clayey, Mod. Saline (EC 4 - 8 mmhos/cm)		Clayey- Saline (AWC > 6") (EC 8 - 16 mmhos/cm)	Loamy (AWC > 6")		Loamy, dry (AWC 3-6")		Loamy, Mod. Saline (AWC > 6") (EC 4 - 8 mmhos/cm)	Loamy- Saline (AWC > 6") (EC 8 - 16 mmhos/cm)	
		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
COOL SEASON GRASSES													
Bluegrass	big	F		F		F		G		G		F	F
Bluegrass	Kentucky							F		F			
Bromegrass	meadow		G		G		F			G		G	
Bromegrass	mountain												
Bromegrass	smooth		G		G		F			G		G	
Fescue	Sheep	G		G		F		G				F	
Fescue	tall		F		F		F		G		G		
Foxtail	creeping		G		G		G		F		G		
Foxtail	meadow		G		G		G		F		G		
Galleta													
Needle and Thread									G		G		
Needlegrass	green	G		F		F		G		F			
Nuttall	alkaligrass					G							
Orchard grass *		F	G	F	G			F	G	F	G		
* Adapted to certain sites IF adequate		snow cover will provide adequate for protection.											
Prairie	junegrass	G		G				F		F			
Prairie cordgrass						F						G	F
Prairie sandreed								F		F			

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		Loamy, Sodic (AWC > 6") (EC >4mmhos/cm)		Sandy (AWC > 6")		Sandy, dry (AWC 3-6")		Subirrigated, Loamy		Subirrigated, Mod. Saline (EC 8 - 16 mmhos/cm)		Subirrigated, Saline (EC 8 - 16 mmhos/cm)		Wet	
		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
KEY to Adaptation															
Blank = Not Suited															
F = Fair															
G = Good															
COOL SEASON GRASSES															
Bluegrass	big			G				G							
Bluegrass	Kentucky				G				F	G					
Bromegrass	meadow			G				F	G		F				
Bromegrass	mountain														
Bromegrass	smooth			G				F	G		F				
Fescue	Sheep		G												
Fescue	tall	F		G		G	F	G		G		F	F		
Foxtail	creeping	F		G		G	F	G		G		G	G		
Foxtail	meadow	F		G		G	F	G		G		G	G		
Galleta			G		G										
Needle and Thread			G		G		G								
Needlegrass	green		F		F		F								
Nuttall	alkaligrass									G		F		F	
Orchard grass *				G		G	F	G							
* Adapted to certain sites IF adequate		snow cover will provide adequate cover for protection.													
Prairie	junegrass					F		F							
Prairie cordgrass										F		F			
Prairie sandreed			G		G		F								

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KEY to Adaptation		Clayey (AWC > 6")		Clayey, dry (AWC 3-6")		Clayey, Mod. Saline (EC 4 - 8 mmhos/cm)		Clayey- Saline (AWC > 6") (EC 8 - 16 mmhos/cm)		Loamy (AWC > 6")		Loamy, dry (AWC 3-6")		Loamy, Mod. Saline (AWC > 6") (EC 4 - 8 mmhos/cm)		Loamy- Saline (AWC > 6") (EC 8 - 16 mmhos/cm)	
		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Reed canarygrass			G		G		G		F		G		G				
Ryegrass	perennial		G		G		G		G		G		G				
Timothy			G		G		G		F		G		G		F	F	
Wheatgrass	beardless	F		F						G		F		G	G	F	F
Wheatgrass	bluebunch	F		F						G		F		G	G	F	F
Wheatgrass	crested	G		G		G				G		G		G		F	
Wheatgrass	Hybrid (quack x bluebunch)	G		F		G	G	G	F	G	G	F	G	G	G	F	G
Wheatgrass	Intermediate		G		G		G		G	F	G		G	G	G	F	F
Wheatgrass	Pubescent	F	G	F	G	F	G		G	F	G	F	G	G	G	F	F
Wheatgrass	Siberian	F		F		F				G		F		F			
Wheatgrass	Slender	G	G	G	G	G	G	G	G	G	G	F	G	G	G	G	G
Wheatgrass	Standard crested	G		F		F				G		F		F			
Wheatgrass	Standard x fairway	G		F		F				G		F		G		F	
Wheatgrass	Streambank	G		G		F				G		G		G	G	G	G
Wheatgrass	tall	F	G	F	G	F	G	F	G	F	G	F	G	G	G	F	G
Wheatgrass	thickspike	F		F								G		G		F	
Wheatgrass	western	G	G	F	G	G	G	F		G		F		G		F	
Wildrye	altai		G		G		G		G		G		G	G		G	G

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KEY to Adaptation		Loamy, Sodic (AWC > 6") (EC >4mmhos/cm)		Sandy (AWC > 6")		Sandy, dry (AWC 3-6")		Subirrigated, Loamy		Subirrigated, Mod. Saline (EC 8 - 16 mmhos/cm)		Subirrigated, Saline (EC 8 - 16 mmhos/cm)		Wet	
		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Reed canarygrass					G		G	F	G		F				
Ryegrass	perennial				G		G	F	G		F				F
Timothy					G		F	F	G						G
Wheatgrass	beardless			G		G		F							
Wheatgrass	bluebunch			G		G		F							
Wheatgrass	crested			G		G		G							
Wheatgrass	Hybrid (quack x bluebunch)	G	F		G		G	F	G	G	G	G	G		F
Wheatgrass	Intermediate				G		G	F	G	F	F				
Wheatgrass	Pubescent			G	G	F	G	F	G	F	F				
Wheatgrass	Siberian			G		F		F							
Wheatgrass	Slender			G	G	F	G	F	G	G	G	F	F		
Wheatgrass	Standard crested			F		F		F							
Wheatgrass	Standard x fairway			F		F		F							
Wheatgrass	Streambank			F		F		G		F					
Wheatgrass	tall	F	F	G	G	F	G	F	G	G	G	F	G		F
Wheatgrass	thickspike			G		G		G							
Wheatgrass	western							F		G		F			
Wildrye	altai				G		G	F	G	G	G	G	G		F

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		Clayey (AWC > 6")		Clayey, dry (AWC 3-6")		Clayey, Mod. Saline (EC 4 - 8 mmhos/cm)		Clayey- Saline (AWC > 6") (EC 8 - 16 mmhos/cm)		Loamy (AWC > 6")		Loamy, dry (AWC 3-6")		Loamy, Mod. Saline (AWC > 6") (EC 4 - 8 mmhos/cm)		Loamy- Saline (AWC > 6") (EC 8 - 16 mmhos/cm)	
KEY to Adaptation		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Blank = Not Suited																	
F = Fair																	
G = Good																	
Wildrye	basin	G	G	G	G	F	G	G	G	G	G	F	G	G		F	
Wildrye	beardless		G		G		G		G		G		G		G		G
Wildrye	canada	F								G		F		G	G	F	F
Wildrye	mammoth	F		F						G		F		F	F	F	
Wildrye	russian	G		G		G			G		G		G	G		F	
WARM SEASON GRASSES																	
Alkali sacaton		G				F		F									
Bluestem	big																
Bluestem	Little																
Bluestem	sand																
Buffalograss																	
Indian	ricegrass																
Indiangrass																	
Sideoats	grama																
Squiretail	bottlebrush																
Switchgrass																	

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KEY to Adaptation		Loamy, Sodic (AWC > 6") (EC >4mmhos/cm)		Sandy (AWC > 6")		Sandy, dry (AWC 3-6")		Subirrigated, Loamy		Subirrigated, Mod. Saline (EC 8 - 16 mmhos/cm)		Subirrigated, Saline (EC 8 - 16 mmhos/cm)		Wet	
		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Wildrye	basin			F	G	F	F	F	G	F	F	F	F		
Wildrye	beardless		F		G		G	F	G	G	G	G	G		F
Wildrye	canada			G		G		F		F					
Wildrye	mammoth			G		G		F							
Wildrye	russian			F		F		G		F					
WARM SEASON GRASSES															
Alkali sacaton										G		F		F	
Bluestem	big														
Bluestem	Little														
Bluestem	sand														
Buffalograss															
Indian	ricegrass														
Indiangrass															
Sideoats	grama														
Squiretail	bottlebrush														
Switchgrass															

USDA-NRCS-Wyoming

January 29, 2001

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		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
KEY to Adaptation																	
Blank = Not Suited																	
F = Fair																	
G = Good																	
INTRODUCED LEGUMES																	
Alfalfa			G		G		F			F	G		G	F	F		
Birdsfoot trefoil			G		G		F			G		G	G	F			
Clover	alsike		G		G		F			G		G	G				
Clover	ladino		G		G		F			G		G	G				
Clover	red		G		G		F			G		G	G				
Clover	strawberry		G		G		F			G		G	G	G	G	F	F
Clover	white		G		G		F			G		G	G	F			
Milkvetch	cicer		G		G		F			F	G	F	G	G		F	
Sainfoin			G		G					G	G	F	G	F			
Sweetclover	white		G		G		F			G	G	F	G	G		F	
Sweetclover	yellow		G		G		F			G	G	F	G	G		F	
OTHER PERENNIAL FORBS & SHRUBS																	
Small Burnett															F		
Saltbush	Four Wing	G		F		F				G				G		F	
Saltbush	Gardner	G		F		F				G							

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		Loamy, Sodic (AWC > 6") (EC >4mmhos/cm)		Sandy (AWC > 6")		Sandy, dry (AWC 3-6")		Subirrigated, Loamy		Subirrigated, Mod. Saline (EC 8 - 16 mmhos/cm)		Subirrigated, Saline (EC 8 - 16 mmhos/cm)		Wet	
		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
KEY to Adaptation															
Blank = Not Suited															
F = Fair															
G = Good															
INTRODUCED LEGUMES															
Alfalfa				F	G		G	F	G						
Birdsfoot trefoil					G		G	F	G	G	G	F	F		
Clover	alsike			G		G	F	G	G	G	G	F	F		
Clover	ladino			G		G	F	G							
Clover	red			G		G	F	G							F
Clover	strawberry			G		G	F	G							
Clover	white			G		G	F	G							
Milkvetch	cicer			G		G	F	G		F	F				
Sainfoin			F	G		G	F	G							
Sweetclover	white		F	G		G	F	G							
Sweetclover	yellow		F	G		G	F	G							
OTHER PERENNIAL FORBS & SHRUBS															
Small Burnett															
Saltbush	Four Wing			G		G									
Saltbush	Gardner			G		G									